

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/581,913
Source: IFWP
Date Processed by STIC: 06/21/2006

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/581, 913

CRF Edit Date: 06/21/2006
Edited by: DA

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

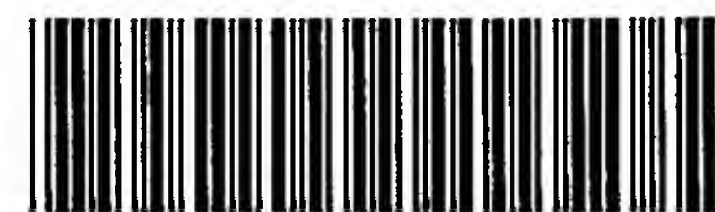
___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

~~___~~ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWP

RAW SEQUENCE LISTING

DATE: 06/21/2006

PATENT APPLICATION: US/10/581,913

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

3 <110> APPLICANT: Cohen, Irun R.
 4 Douek, Daniel
 5 Mimran, Avishai
 6 Carmi, Pnina
 7 Quintana, Francisco J.
 9 <120> TITLE OF INVENTION: ANTIGEN RECEPTOR VARIABLE REGION TYPING
 11 <130> FILE REFERENCE: 28809
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/581,913
 C--> 13 <141> CURRENT FILING DATE: 2006-06-07
 13 <160> NUMBER OF SEQ ID NOS: 74
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 1
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Artificial sequence
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 24 of 23 novel Vbeta groups
 26 <400> SEQUENCE: 1
 28 Cys
 29 1
 32 <210> SEQ ID NO: 2
 33 <211> LENGTH: 2
 34 <212> TYPE: PRT
 35 <213> ORGANISM: Artificial sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 39 of 23 novel Vbeta groups
 41 <400> SEQUENCE: 2
 43 Cys Ala
 44 1
 47 <210> SEQ ID NO: 3
 48 <211> LENGTH: 2
 49 <212> TYPE: PRT
 50 <213> ORGANISM: Artificial sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 54 of 23 novel Vbeta groups
 56 <400> SEQUENCE: 3
 58 Cys Ser
 59 1

62 <210> SEQ ID NO: 4

63 <211> LENGTH: 3

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DATE: 06/21/2006

PATENT APPLICATION: US/10/581,913

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

one 64 <212> TYPE: PRT
 65 <213> ORGANISM: Artificial sequence
 67 <220> FEATURE:
 68 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 71 <400> SEQUENCE: 4
 73 Cys Ala Ser
 74 1
 77 <210> SEQ ID NO: 5
 78 <211> LENGTH: 3
 79 <212> TYPE: PRT
 80 <213> ORGANISM: Artificial sequence
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 86 <400> SEQUENCE: 5
 88 Cys Ala Trp
 89 1
 92 <210> SEQ ID NO: 6
 93 <211> LENGTH: 3
 94 <212> TYPE: PRT
 95 <213> ORGANISM: Artificial sequence
 97 <220> FEATURE:
 98 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 101 <400> SEQUENCE: 6
 103 Cys Ser Ala
 104 1
 107 <210> SEQ ID NO: 7
 108 <211> LENGTH: 4
 109 <212> TYPE: PRT
 110 <213> ORGANISM: Artificial sequence
 112 <220> FEATURE:
 113 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one 114 of 23 novel Vbeta groups
 116 <400> SEQUENCE: 7
 118 Cys Ala Ser Ser
 119 1
 122 <210> SEQ ID NO: 8
 123 <211> LENGTH: 4
 124 <212> TYPE: PRT
 125 <213> ORGANISM: Artificial sequence
 127 <220> FEATURE:
 128 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one 129 of 23 novel Vbeta groups
 131 <400> SEQUENCE: 8
 133 Cys Ala Thr Ser
 134 1

137 <210> SEQ ID NO: 9

RAW SEQUENCE LISTING

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

138 <211> LENGTH: 4
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 140 <213> ORGANISM: Artificial sequence
 142 <220> FEATURE:
 143 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 144 of 23 novel Vbeta groups
 146 <400> SEQUENCE: 9
 148 Cys Ala Trp Ser
 149 1
 152 <210> SEQ ID NO: 10
 153 <211> LENGTH: 4
 154 <212> TYPE: PRT
 155 <213> ORGANISM: Artificial sequence
 157 <220> FEATURE:
 158 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 159 of 23 novel Vbeta groups
 161 <400> SEQUENCE: 10
 163 Cys Ser Val Glu
 164 1
 167 <210> SEQ ID NO: 11
 168 <211> LENGTH: 4
 169 <212> TYPE: PRT
 170 <213> ORGANISM: Artificial sequence
 172 <220> FEATURE:
 173 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 174 of 23 novel Vbeta groups
 176 <400> SEQUENCE: 11
 178 Cys Ser Ala Arg
 179 1
 182 <210> SEQ ID NO: 12
 183 <211> LENGTH: 5
 184 <212> TYPE: PRT
 185 <213> ORGANISM: Artificial sequence
 187 <220> FEATURE:
 188 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 189 of 23 novel Vbeta groups
 191 <400> SEQUENCE: 12
 193 Cys Ala Ser Ser Leu
 194 1 5
 197 <210> SEQ ID NO: 13
 198 <211> LENGTH: 5
 199 <212> TYPE: PRT
 200 <213> ORGANISM: Artificial sequence
 202 <220> FEATURE:
 203 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 204 of 23 novel Vbeta groups
 206 <400> SEQUENCE: 13
 208 Cys Ala Ser Ser Gln

209 1

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RAW SEQUENCE LISTING

DATE: 06/21/2006

PATENT APPLICATION: US/10/581,913

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

212 <210> SEQ ID NO: 14
 213 <211> LENGTH: 5
 214 <212> TYPE: PRT
 215 <213> ORGANISM: Artificial sequence
 217 <220> FEATURE:
 218 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 221 <400> SEQUENCE: 14
 223 Cys Ala Ser Ser Tyr
 224 1 5
 227 <210> SEQ ID NO: 15
 228 <211> LENGTH: 5
 229 <212> TYPE: PRT
 230 <213> ORGANISM: Artificial sequence
 232 <220> FEATURE:
 233 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one of 23 novel vbeta groups
 234 of 23 novel vbeta groups
 236 <400> SEQUENCE: 15
 238 Cys Ala Ser Ser Glu
 239 1 5
 242 <210> SEQ ID NO: 16
 243 <211> LENGTH: 5
 244 <212> TYPE: PRT
 245 <213> ORGANISM: Artificial sequence
 247 <220> FEATURE:
 248 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one of 23 novel Vbeta groups
 249 of 23 novel Vbeta groups
 251 <400> SEQUENCE: 16
 253 Cys Ala Ser Ser Val
 254 1 5
 257 <210> SEQ ID NO: 17
 258 <211> LENGTH: 5
 259 <212> TYPE: PRT
 260 <213> ORGANISM: Artificial sequence
 262 <220> FEATURE:
 263 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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 264 of 23 novel Vbeta groups
 266 <400> SEQUENCE: 17
 268 Cys Ala Ser Ser Ile
 269 1 5
 272 <210> SEQ ID NO: 18
 273 <211> LENGTH: 5
 274 <212> TYPE: PRT
 275 <213> ORGANISM: Artificial sequence
 277 <220> FEATURE:
 278 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one of 23 novel Vbeta groups
 279 of 23 novel Vbeta groups
 281 <400> SEQUENCE: 18

283 Cys Ala Ser Ser Asp

RAW SEQUENCE LISTING

DATE: 06/21/2006

PATENT APPLICATION: US/10/581,913

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

284 1 5
 287 <210> SEQ ID NO: 19
 288 <211> LENGTH: 5
 289 <212> TYPE: PRT
 290 <213> ORGANISM: Artificial sequence
 292 <220> FEATURE:
 293 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 294 of 23 novel Vbeta groups
 296 <400> SEQUENCE: 19
 298 Cys Ala Ser Ser Pro
 299 1 5
 302 <210> SEQ ID NO: 20
 303 <211> LENGTH: 5
 304 <212> TYPE: PRT
 305 <213> ORGANISM: Artificial sequence
 307 <220> FEATURE:
 308 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 309 of 23 novel Vbeta groups
 311 <400> SEQUENCE: 20
 313 Cys Ala Ser Gly Leu
 314 1 5
 317 <210> SEQ ID NO: 21
 318 <211> LENGTH: 5
 319 <212> TYPE: PRT
 320 <213> ORGANISM: Artificial sequence
 322 <220> FEATURE:
 323 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 324 of 23 novel Vbeta groups
 326 <400> SEQUENCE: 21
 328 Cys Ala Thr Ser Arg
 329 1 5
 332 <210> SEQ ID NO: 22
 333 <211> LENGTH: 5
 334 <212> TYPE: PRT
 335 <213> ORGANISM: Artificial sequence
 337 <220> FEATURE:
 338 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 339 of 23 novel Vbeta groups
 341 <400> SEQUENCE: 22
 343 Cys Ala Ile Ser Glu
 344 1 5
 347 <210> SEQ ID NO: 23
 348 <211> LENGTH: 6
 349 <212> TYPE: PRT
 350 <213> ORGANISM: Artificial sequence
 352 <220> FEATURE:
 353 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
 one
 354 of 23 novel Vbeta groups

356 <400> SEQUENCE: 23

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,913

DATE: 06/21/2006

TIME: 13:45:34

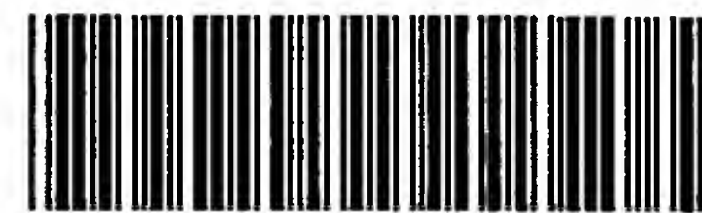
Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING

DATE: 06/19/2006

PATENT APPLICATION: US/10/581,913

TIME: 11:29:56

Input Set : A:\31960 Sequence Listing.txt

Output Set: N:\CRF4\06192006\J581913.raw

3 <110> APPLICANT: Cohen, Irun R.
 4 Douek, Daniel
 5 Mimran, Avishai
 6 Carmi, Pnina
 7 Quintana, Francisco J.
 9 <120> TITLE OF INVENTION: ANTIGEN RECEPTOR VARIABLE REGION TYPING
 11 <130> FILE REFERENCE: 28809
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/581,913
 C--> 13 <141> CURRENT FILING DATE: 2006-06-07
 13 <160> NUMBER OF SEQ ID NOS: 74
 15 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply
 Corrected Diskette Needed
 (pg-1)

ERRORED SEQUENCES

999 <210> SEQ ID NO: 74
 1000 <211> LENGTH: 29
 1001 <212> TYPE: DNA
 1002 <213> ORGANISM: Artificial sequence
 1004 <220> FEATURE:
 1005 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
 1007 <400> SEQUENCE: 74
 1008 tgcttctgat ggctcaaaca cagcgacct
 E--> 1015 ¹

29

deleted

VERIFICATION SUMMARY

DATE: 06/19/2006

PATENT APPLICATION: US/10/581,913

TIME: 11:29:57

Input Set : A:\31960 Sequence Listing.txt

Output Set: N:\CRF4\06192006\J581913.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1015 M:254 E: No. of Bases conflict, this line has no nucleotides.